



21.5" Sunlight Readable LCD 1610 Protector Case

Model A8104-215-1610

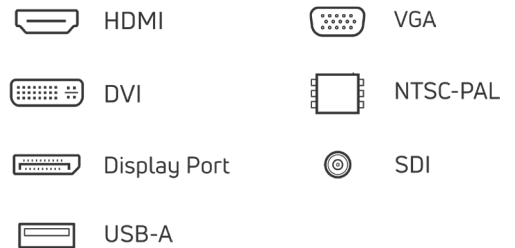
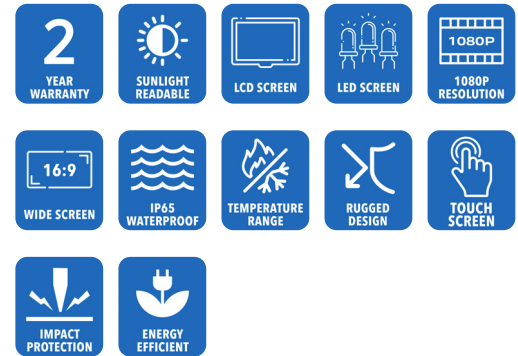
21.5" Rugged Sunlight Readable LCD Integrated into a Pelican 1610 Protector Case

Sensitive equipment needs protection, and the Pelican™ Protector Case offers unparalleled stability. These cases are designed rugged, and travel the harshest environments on earth. Against the extreme cold of the arctic or the heat of battle, Pelican cases have survived.

Made in the USA, these tough cases are designed with an automatic purge valve, that equalizes air pressure, a watertight silicone O-ring lid, over-molded rubber handles and stainless steel hardware. Equipped with retractable extension trolley handle, strong polyurethane wheels with stainless steel bearings, automatic pressure equalization valve – balances interior pressure, keeps water out, and easy open double-throw latches.

With a robust design and state-of-the-art features, these ruggedized LCD monitors meets the demands of today's harsh environment applications including ROV/Drones, First Responders, Military, Field Analysis, Offshore, Robotics, etc. While these display monitor/cases offer excellent mobility, we ensure that it can withstand the demanding conditions commonly encountered in these applications.

Multiple size LCD options, I/O configurations, and mounting possibilities.



Technical Specifications

General

Model:

A8104-215-1610

Display Size

21.5"

Display Type

Long-Life Industrial Grade LCD

Backlight Technology

Solid State, Long-Life LED –
[CLICK HERE](#) for more information

Optical Films Enhancements

Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Brightness

1500 nits (cd/m²)

Dimming Capabilities

Front Sealed Manual Full-Range
Dimming Turn Potentiometer

Contrast Ratio

4300:1

Aspect Ratio

16:9

Resolution

1920 x 1080 (1080p)
– True High-Definition

Colors Supported

16.7M (8-bit/color)

Viewing Angles

-88° to 88° Horizontal
-88° to 88° Vertical

Video Inputs

DVI, HD15 (VGA), HDMI,
DisplayPort, S-Video, SDI,
Composite

User Controls

Optional Front User Membrane
Keypad

Optical Bonding

Standard Feature: Optical Bonding
of PCAP Touch Screen Window
to the Face of the LCD (for more
information about its benefits
[CLICK HERE](#))

Protective Window

10-Point Multi-Touch Projected
Capacitive Touch Window (PCAP)
or Protective Window

Power Types

90 VAC to 264 VAC; 12V DC; 24V

Physical Attributes

Front Bezel

High Grade 6061T Aluminum,
Electrochemical Anodized for
added Corrosion Resistance,
Black Textured Finish per Military
Standards FED-STD-595

Panel Mounting

IP65 at LCD front bezel

Overall Dimensions

24.83 x 19.69 x 11.88 in (63.1 x 50 x
30.2 cm)

Weight

Configuration Dependent

Sealability

Extreme Anti-Shock
and Anti-Vibration Design

Sunlight Readability

Sunlight Readable Model Available

Warranty Period

2 Years

Environmental

Sunlight Readability

Sunlight Readable Model Available

Operating Temperature Range

-20°C to 70°C (-4°F to 158°F)

Storage Temperature

-20°C to 70°C (-4°F to 158°F)

Fasteners

Vibration-proof, self-locking, fastener system which will not loosen regardless of seat torque. Designed to help make products safer, lower warranty costs and prolong equipment life by eliminating vibration; increased safety, reliability, operating life and reduced maintenance.

Humidity

5% to 95% RH (non-condensing)

EMI

FCC Class B pursuant to Part 15 of the FCC Rules

Agency Compliance

CE

Altitude

Operating 0 to 10,000 ft.
Storage 0 to 40,000 ft.

RoHS Compliant

Yes

Rating

NEMA 4 / IP65

Additional Add-On Options

Touch Screen Technology**Multi-Touch Up to 10-Point PCAP**

Or can be fitted with an Optical Grade Protective Impact Window

Various Color Cases Available

Black (standard) or Desert Tan

Video Input Options

DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, and/or NTSC/PAL

Can be setup for Hot-Toggle Selection Between Multiple Video Inputs

Extended Operational Temperature Ranges**Power Type Choices**

90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

Custom Boot-Up Splash Screen with YOUR Logo

Private Labeling Services**Customization Services****Custom Video Modes**

Mechanical Drawings

These technical and mechanical resources are subject to change without notice.



AbraxSys
RUGGED LCD SOLUTIONS

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